

DP-303157

CATALYST SUBSTRATE HAVING
IMPROVED THERMAL DURABILITY

ABSTRACT OF THE DISCLOSURE

A catalyst substrate comprises a substrate material having an inlet, an outlet, an opening therebetween to allow for the passage of exhaust gas therethrough, and further comprises a catalyst and a layer of zirconium phosphate. Catalyst substrates coated with zirconium phosphate exhibit
5 improved thermal durability, improved thermal shock resistance, and improved alkali and acidic corrosion resistance.

OFFICIAL RECORD